

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Commissioner for Patents, Washington, D.C., 20231, on the date indicated below.

BY: Helene Isabel

DATE: November 15 2001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent Application
of Ian Hector Frazer *et al.*

Conf. No.: 4929

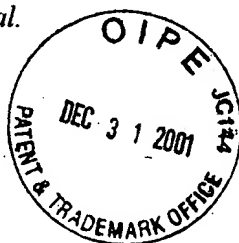
Appln. No.: 09/900,345

Filed: July 6, 2001

For: METHOD AND POLYNUCLEOTIDES
FOR DETERMINING TRANSLATIONAL
EFFICIENCY OF A CODON

: ATTENTION:
: BOX MISSING PARTS

: Attorney Docket
: No. 10338-5 US
: (2423066/VPA)



TRANSMITTAL OF MISSING PARTS OF APPLICATION
FILING DATE GRANTED

In response to the Notice to File Missing Parts dated September 27, 2001, we submit herewith the following:

- ☒ [X] Copy of the Notice to File Missing Parts of Application -- Filing Date Granted, mailed September 27, 2001.
- ☐ [] No Notice to File Missing Parts has been received.
- ☒ [X] Executed Declaration and Power of Attorney.
- ☐ [] Verified English translation of application as filed.
- ☐ [] Priority document(s): Certified copy(ies) of _____ patent application No(s). _____, filed in _____ on _____ from which priority is claimed under 35 U.S.C. § 119.
- ☐ [] Formal drawings: _____ sheets
- ☐ [] Information Disclosure Statement, PTO-1449, and cited references.
- ☐ [] Preliminary Amendment.
- ☐ [] Nucleotide and/or Amino Acid Sequence Submission, including:
 - ☐ [] Computer readable copy
 - ☐ [] Paper Copy
 - ☐ [] Verified Statement

- ☐ Petition for Extension of Time along with requisite fee.
- ☐ Request for Refund.
- ☐ Request for Corrected Filing Receipt. Attached is a marked-up copy of the Filing Receipt showing corrections.
- ☐ Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under 37 C.F.R. §1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern, or ☐ a Non-Profit Organization.
- ☐ Other: N/A

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE: \$370.			BASIC FEE: \$740	
Total	-20 =		X9	\$	OR	X18	\$
Independent	- 3=		X42	\$	OR	X84	\$
<input type="checkbox"/> Multiple Dependent Claims Present			\$140	\$	OR	\$280	\$
			TOTAL	\$	OR	TOTAL	\$

- ☒ The following fees noted below are being paid.
- ☒ Surcharge of \$65 for late filing of filing fee and/or Declaration and Power of Attorney.
- ☐ Surcharge of \$130 for late filing of English translation.
- ☐ Extension of Time fee in the amount of \$____.00 (Petition for Extension of Time is attached).
- ☐ Filing Fee in the amount of \$____.00 calculated above.
- ☒ Enclosed is our firm's check in the amount of \$ 65.00 for the above fee.
- ☒ The Commissioner is hereby authorized to charge and/or credit Deposit Account No. 50-1017 (Billing No. 210338.0005) as noted below. A duplicate copy of this sheet is enclosed.
- ☐ The above-calculated fee(s) calculated totaling \$____.00.
- ☒ Any overpayments or deficiencies in the above-calculated fee(s).
- ☒ Any additional fees required under 37 C.F.R. § 1.16 or § 1.17.

- ☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

CORRESPONDENCE ADDRESS

Nov. 15, 2001 By: 
(Date)

ALAN S. NADEL

Registration No. 27,363

AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.

Customer No. 000570

One Commerce Square

2005 Market Street - Suite 2200

Philadelphia, PA 19103-7086

Telephone: (215) 965-1200

Direct Dial: (215) 965-1280

Facsimile: (215) 965-1210

E-Mail: anadel@akingump.com

ASN:hg
Enclosures

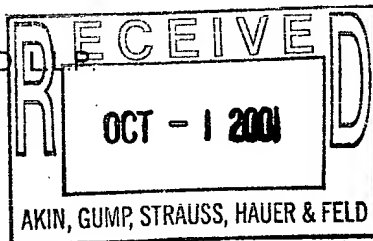


UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/900,345	07/06/2001	Ian Hector Frazer	10338-5US

000570
AKIN, GUMP, STRAUSS, HAUER & FELD
ONE COMMERCE SQUARE
2005 MARKET STREET, SUITE 2200
PHILADELPHIA, PA 19103



CONFIRMATION NO. 4929

FORMALITIES LETTER



OC000000006799545

Date Mailed: 09/27/2001



NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

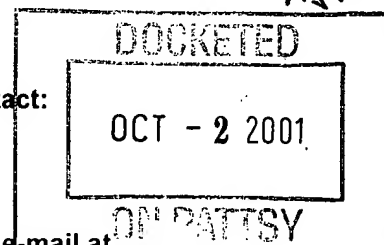
Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 65.**
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov



01/03/2002 BNGUYEN1 00000030 09900345

01 FC:205 65.00-0P

DEADLINE: 11/27/01

A copy of this notice MUST be returned with the reply.



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



#7

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Commissioner for Patents, Washington, D.C., 20231, on the date indicated below.

BY: Helene Gabel

DATE: November 15, 2001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:	Patent Application of Ian Hector Frazer <i>et al.</i>	: ATTENTION: : BOX MISSING PARTS
Conf. No.:	4929	:
Appln. No.:	09/900,345	:
Filed:	July 6, 2001	:
For:	METHOD AND POLYNUCLEOTIDES FOR DETERMINING TRANSLATIONAL EFFICIENCY OF A CODON	: Attorney Docket : No. 10338-5 US : (2423066/VPA)

COMMUNICATION

Applicants in the above-identified application received a Notice to File Missing Parts of Nonprovisional Application – Filing Date Granted, mailed September 27, 2001 (the “Notice”), indicating that, in addition to missing an executed Oath or Declaration, the content of the computer-readable form (CRF) copy of the Sequence Listing does not comply with 37 C.F.R. § 1.822 and/or § 1.823. Although the Notice stated that a marked-up copy of the Raw Sequence Listing indicating the errors in the Sequence Listing was attached to the Notice, the marked-up copy of the Raw Sequence Listing was not received at the time of receipt of the Notice.

On October 12, 2001, in a telephone conversation involving Kristin Petherbridge, the undersigned attorney’s Scientific Advisor, and Ms. Monica Young in the Initial Examining Division, Dr. Petherbridge reported to Ms. Young that the marked-up Raw Sequence Listing was missing. Ms. Young revealed that some recent Notices to File Missing Parts have been sent out incomplete. Ms. Young indicated that she would send the file for the above-identified application to Mr. Kevin Little, who would prepare a Notice to Correct the Sequence Listing which will set forth a new time limit for submitting a corrected Sequence Listing. Applicants

have not yet received this Notice to Correct the Sequence Listing. Please promptly send the indicated Notice to Correct Sequence Listing.

In light of these circumstances, Applicants believe the Response to Notice to File Missing Parts of Nonprovisional Application – Filing Date Granted, which is being filed herewith, along with an executed Declaration and Power of Attorney, is complete. Applicants request that the undersigned attorney be notified in the event that there is any misunderstanding regarding the CRF copy of the Sequence Listing.

Respectfully submitted,

IAN HECTOR FRAZER *ET AL.*

Nov. 15, 2001

(Date)

By:



ALAN S. NADEL

Registration No. 27,363

AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.

Customer No. 000570

One Commerce Square

2005 Market Street - Suite 2200

Philadelphia, PA 19103-7086

Telephone: (215) 965-1200

Direct Dial: (215) 965-1280

Facsimile: (215) 965-1210

E-Mail: anadel@akingump.com

ASN/KMP/hg
Enclosures